

# PATENT ABSTRACTS OF JAPAN

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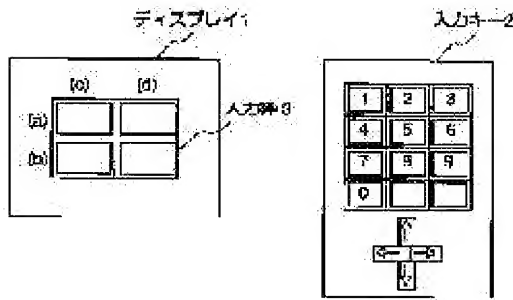
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## (54) METHOD AND DEVICE FOR CONFIRMING PASSWORD

(57)Abstract:

PROBLEM TO BE SOLVED: To improve the strength of a password without increasing the number of digits of the password by giving the freedom degrees of a plurality of input patterns into a plurality of input frames prepared vertically and horizontally in square forms and defining the numeric characters/characters themselves, the input positions of the numeric characters and the order of the numeric characters as the deciding requirements of the password.

SOLUTION: A device such as an ATM to be used is provided with a display 1 which shows an input frame 3 of a 2- row/2- column square form and an input key 2 which includes numeric characters 0- 9 and a cursor (active square form) moving arrow button. When the password is registered, the password that is decided by a user is inputted to the frame 3.



Then the numeric characters of the password, the positions of the numeric characters set on the frame 3 and the input order of the numeric characters are registered in a password database of a service provider.

Thereafter, the ATM authenticates the identity of the user when he/she pays and receives the cash via the ATM as long as the password is inputted with the same numeric characters, positions and order as those registered ones.